

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/927,006B  
Source: 1FW/b  
Date Processed by STIC: 8/10/06

# ***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 09/927,006B

CRF Edit Date: 8/10/06  
Edited by: ME

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

✓ Inserted mandatory headings/numeric identifiers, specifically:

<3007 in Sequence 1

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

\_\_\_ Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFW16

## RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 19:04:17

Input Set : A:\PTO.txt

Output Set: N:\CRF4\08102006\I927006B.raw

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1 <110> APPLICANT: Dou, Dexian
2   Shaw, Jiajiu
4 <120> TITLE OF INVENTION: Anti-angiogenic peptides for cancer treatment
6 <130> FILE REFERENCE: 130654-0001
8 <140> CURRENT APPLICATION NUMBER: US 09/927,006B
9 <141> CURRENT FILING DATE: 2001-08-09
11 <160> NUMBER OF SEQ ID NOS: 9
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 12
15 <212> TYPE: PRT
16 <213> ORGANISM: Human
18 <220> FEATURE:
19 <221> NAME/KEY: CHAIN
20 <222> LOCATION: (2).(13)
22 <300> PUBLICATION INFORMATION:
23 <308> DATABASE ACCESSION NO: GenBank AY039748
24 <309> DATABASE ENTRY DATE: 2001-06-13
26 <400> SEQUENCE: 1
27 Ile Val Pro Ser Leu Gly Pro Pro Ser Glu Gln Asp
28 1                               5                10
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 20
32 <212> TYPE: PRT
33 <213> ORGANISM: Human
35 <220> FEATURE:
36 <221> NAME/KEY: CHAIN
37 <222> LOCATION: (15).(34)
39 <400> SEQUENCE: 2
40 Met Phe Gly Asn Gly Lys Gly Tyr Arg Gly Lys Lys
41 1                               5                10
43 Ala Thr Thr Val Thr Gly Thr Pro
44 15                               20
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 28
51 <212> TYPE: PRT
52 <213> ORGANISM: Human
54 <220> FEATURE:
55 <221> NAME/KEY: CHAIN
56 <222> LOCATION: (36).(63)
58 <400> SEQUENCE: 3
59 Gln Gln Trp Ala Ala Gln Glu Pro His Arg His Ser
60 1                               5                10
62 Thr Phe Ile Pro Gly Thr Asn Lys Trp Ala Gly Leu

```

## RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 19:04:17

Input Set : A:\PTO.txt

Output Set: N:\CRF4\08102006\I927006B.raw

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63          15          20
65 Glu  Lys  Asn  Tyr
66  25
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 11
70 <212> TYPE: PRT
71 <213> ORGANISM: Human
73 <220> FEATURE:
74 <221> NAME/KEY: CHAIN
75 <222> LOCATION: (65) . (75)
77 <400> SEQUENCE: 4
78 Arg  Asn  Pro  Asp  Gly  Asp  Ile  Asn  Gly  Pro  Trp
79  1          5          10
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 11
84 <212> TYPE: PRT
85 <213> ORGANISM: Human
87 <220> FEATURE:
88 <221> NAME/KEY: CHAIN
89 <222> LOCATION: (77) . (87)
91 <400> SEQUENCE: 5
92 Tyr  Thr  Met  Asn  Pro  Arg  Lys  Leu  Phe  Asp  Tyr
93  1          5          10
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 4
98 <212> TYPE: PRT
99 <213> ORGANISM: Human
101 <220> FEATURE:
102 <221> NAME/KEY: CHAIN
103 <222> LOCATION: (89) . (92)
105 <400> SEQUENCE: 6
106 Asp  Ile  Pro  Leu
107  1
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 6
111 <212> TYPE: PRT
112 <213> ORGANISM: Human
114 <220> FEATURE:
115 <221> NAME/KEY: CHAIN
116 <222> LOCATION: (94) . (99)
118 <400> SEQUENCE: 7
119 Ala  Ser  Ser  Ser  Phe  Asp
120  1          5
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 11
124 <212> TYPE: PRT
125 <213> ORGANISM: Human
127 <220> FEATURE:
128 <221> NAME/KEY: CHAIN

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DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 19:04:17

Input Set : A:\PTO.txt

Output Set: N:\CRF4\08102006\I927006B.raw

129 &lt;222&gt; LOCATION: (75) . (65)

131 &lt;400&gt; SEQUENCE: 8

132 Trp Pro Gly Asn Ile Asp Gly Asp Pro Asn Arg

133 1 5 10

135 &lt;210&gt; SEQ ID NO: 9

136 &lt;211&gt; LENGTH: 11

137 &lt;212&gt; TYPE: PRT

138 &lt;213&gt; ORGANISM: Human

140 &lt;220&gt; FEATURE:

141 &lt;221&gt; NAME/KEY: CHAIN

142 &lt;222&gt; LOCATION: (87) . (77)

144 &lt;400&gt; SEQUENCE: 9

145 Tyr Asp Phe Leu Lys Arg Pro Asn Met Thr Tyr

146 1 5 10

VERIFICATION SUMMARY

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 19:04:18

Input Set : A:\PTO.txt

Output Set: N:\CRF4\08102006\I927006B.raw

**Raw Sequence Listing before editing  
(for reference only)**



IFW16

## RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 09:20:13

Input Set : A:\Dou927006AminoAcidSequence.asc

Output Set: N:\CRF4\08102006\I927006B.raw

W--> 1 <sup>①</sup>

3 <110> APPLICANT: Dou, Dexian

4 Shaw, Jiajiu

6 <120> TITLE OF INVENTION: Anti-angiogenic peptides for cancer treatment

8 <130> FILE REFERENCE: 130654-0001

10 <140> CURRENT APPLICATION NUMBER: US 09/927,006B

11 <141> CURRENT FILING DATE: 2001-08-09

13 <160> NUMBER OF SEQ ID NOS: 9

15 <210> SEQ ID NO: 1

16 <211> LENGTH: 12

17 <212> TYPE: PRT

18 <213> ORGANISM: Human

20 <220> FEATURE:

21 <221> NAME/KEY: CHAIN

22 <222> LOCATION: (2) . (13)

24 <308> DATABASE ACCESSION NO: GenBank AY039748

25 <309> DATABASE ENTRY DATE: 2001-06-13

27 <400> SEQUENCE: 1

28	Ile	Val	Pro	Ser	Leu	Gly	Pro	Pro	Ser	Glu	Gln	Asp
29	1				5					10		

31 <210> SEQ ID NO: 2

32 <211> LENGTH: 20

33 <212> TYPE: PRT

34 <213> ORGANISM: Human

36 <220> FEATURE:

37 <221> NAME/KEY: CHAIN

38 <222> LOCATION: (15) . (34)

40 <400> SEQUENCE: 2

41	Met	Phe	Gly	Asn	Gly	Lys	Gly	Tyr	Arg	Gly	Lys	Lys
42	1				5					10		

44	Ala	Thr	Thr	Val	Thr	Gly	Thr	Pro				
45			15					20				

50 <210> SEQ ID NO: 3

51 <211> LENGTH: 28

52 <212> TYPE: PRT

53 <213> ORGANISM: Human

55 <220> FEATURE:

56 <221> NAME/KEY: CHAIN

57 <222> LOCATION: (36) . (63)

59 <400> SEQUENCE: 3

60	Gln	Gln	Trp	Ala	Ala	Gln	Glu	Pro	His	Arg	His	Ser
61	1				5					10		

63	Thr	Phe	Ile	Pro	Gly	Thr	Asn	Lys	Trp	Ala	Gly	Leu
----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

*insert  
this mandatory  
human identifier*

*Does Not Comply  
Corrected Diskette Needed*

*<3007 is a "header" only, it  
never  
has a  
response.*



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64          15          20
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67  25
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 11
71 <212> TYPE: PRT
72 <213> ORGANISM: Human
74 <220> FEATURE:
75 <221> NAME/KEY: CHAIN
76 <222> LOCATION: (65) . (75)
78 <400> SEQUENCE: 4
79 Arg  Asn  Pro  Asp  Gly  Asp  Ile  Asn  Gly  Pro  Trp
80  1          5          10
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 11
85 <212> TYPE: PRT
86 <213> ORGANISM: Human
88 <220> FEATURE:
89 <221> NAME/KEY: CHAIN
90 <222> LOCATION: (77) . (87)
92 <400> SEQUENCE: 5
93 Tyr  Thr  Met  Asn  Pro  Arg  Lys  Leu  Phe  Asp  Tyr
94  1          5          10
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 4
99 <212> TYPE: PRT
100 <213> ORGANISM: Human
102 <220> FEATURE:
103 <221> NAME/KEY: CHAIN
104 <222> LOCATION: (89) . (92)
106 <400> SEQUENCE: 6
107 Asp  Ile  Pro  Leu
108  1
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 6
112 <212> TYPE: PRT
113 <213> ORGANISM: Human
115 <220> FEATURE:
116 <221> NAME/KEY: CHAIN
117 <222> LOCATION: (94) . (99)
119 <400> SEQUENCE: 7
120 Ala  Ser  Ser  Ser  Phe  Asp
121  1          5
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 11
125 <212> TYPE: PRT
126 <213> ORGANISM: Human
128 <220> FEATURE:
129 <221> NAME/KEY: CHAIN

```

## RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 09:20:13

Input Set : A:\Dou927006AminoAcidSequence.asc

Output Set: N:\CRF4\08102006\I927006B.raw

130 &lt;222&gt; LOCATION: (75).(65)

132 &lt;400&gt; SEQUENCE: 8

133 Trp Pro Gly Asn Ile Asp Gly Asp Pro Asn Arg

134 1 5 10

136 &lt;210&gt; SEQ ID NO: 9

137 &lt;211&gt; LENGTH: 11

138 &lt;212&gt; TYPE: PRT

139 &lt;213&gt; ORGANISM: Human

141 &lt;220&gt; FEATURE:

142 &lt;221&gt; NAME/KEY: CHAIN

143 &lt;222&gt; LOCATION: (87).(77)

145 &lt;400&gt; SEQUENCE: 9

146 Tyr Asp Phe Leu Lys Arg Pro Asn Met Thr Tyr

147 1 5 10

VERIFICATION SUMMARY

DATE: 08/10/2006

PATENT APPLICATION: US/09/927,006B

TIME: 09:20:14

Input Set : A:\Dou927006AminoAcidSequence.asc

Output Set: N:\CRF4\08102006\I927006B.raw

L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION: